

Table 11
Soil Analytical Results for Volatile Organic Compounds

Captain's Cove

Client Sample ID:	NYSDEC ⁽¹⁾ Soil Cleanup Objectives Restricted-Residential Use	CC-C-051 8-10' 480-55087-36 2/21/2014
Volatile Organic Compounds (µg/kg)		
1,1,1-Trichloroethane ^f	100,000 ^a	150 U
1,1,2,2-Tetrachloroethane	NS	90 U
1,1,2-Trichloro-1,2,2-trifluoroethane	NS	280 U
1,1,2-Trichloroethane	NS	120 U
1,1-Dichloroethane ^f	26,000	170 U
1,1-Dichloroethene ^f	100,000 ^a	190 U
1,2,4-Trichlorobenzene	NS	210 U
1,2,4-Trimethylbenzene ^f	52,000	640
1,2-Dibromo-3-chloropropane	NS	280 U
1,2-Dibromoethane	NS	21 U
1,2-Dichlorobenzene ^f	100,000 ^a	140 U
1,2-Dichloroethane	3,100	230 U
1,2-Dichloropropane	NS	89 U
1,3,5-Trimethylbenzene ^f	52,000	170 U
1,3-Dichlorobenzene ^f	49,000	150 U
1,4-Dichlorobenzene	13,000	77 U
1,4-Dioxane	13,000	13,000 U
2-Butanone	100,000 ^a	1,600 U
2-Hexanone	NS	1,100 U
4-Methyl-2-pentanone	NS	180 U
Acetone	100,000 ^a	2,300 U
Benzene	4,800	26 UJ
Bromodichloromethane	NS	110 U
Bromoform	NS	280 U
Bromomethane	NS	120 U
Carbon disulfide	NS	250 U
Carbon tetrachloride ^f	2,400	140 U
Chlorobenzene	100,000 ^a	890
Chloroethane	NS	110 U
Chloroform	49,000	380 U
Chloromethane	NS	130 U
cis-1,2-Dichloroethene ^f	100,000 ^a	150 U
cis-1,3-Dichloropropene	NS	130 U
Cyclohexane	NS	120 U
Dibromochloromethane	NS	270 U
Dichlorodifluoromethane	NS	240 U
Ethylbenzene ^f	41,000	180 J
Isopropylbenzene	NS	2,100
Methyl acetate	NS	520 J
Methyl tert butyl ether ^f	100,000 ^a	210 U
Methylcyclohexane	NS	560
Methylene chloride	100,000 ^a	110 U
n-Butylbenzene ^f	100,000 ^a	160 U
n-Propylbenzene ^f	100,000 ^a	6,600
sec-Butylbenzene ^f	100,000 ^a	5,200
Styrene	NS	130 U
tert-Butylbenzene ^f	100,000 ^a	150 U
Tetrachloroethene	19,000	74 U
Toluene	100,000 ^a	150 U
trans-1,2-Dichloroethene ^f	100,000 ^a	130 U
trans-1,3-Dichloropropene	NS	26 U
Trichloroethene	21,000	150 U
Trichlorofluoromethane	NS	260 U
Vinyl chloride ^f	900	180 U
Xylenes	100,000 ^a	310 J

Notes:

(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restricted Use of Soil Cleanup Objective Table 375-6.8b 12/06

a - The SCOs for residential, restricted-residential and ecological resources use were capped at a maximum value of 100 ppm. See TSD section 9.3.

e - For constituents where the calculated SCO was lower than the contract required quantitation limit (CROL), the CROL is used as the SCO value.

f - For constituents where the calculated SCO was lower than the rural soil background concentration, as determined by the department and department of health rural soil survey, the rural soil background concentration is used as the Track 2 SCO value for this use of the site.

NS - No Standard

B - Compound was found in the blank and sample.

J - Data are flagged (J) when a QC analysis fails outside the primary acceptance limits. The qualified "J" data are not excluded from further review or consideration. However, only one flag (J) is applied to a sample result, even though several associated QC analyses may fail. The "J" data may be biased high or low or the direction of the bias may be indeterminable.

JN - The analysis indicated the presence of a compound that has been "tentatively identified" (N) and the associated numerical value represents its approximate (J) concentration.

R - Data rejected ® on the basis of an unacceptable QC analysis should be excluded from further review or consideration. Data are rejected when associated QC analysis results exceed the expanded control limits of the QC criteria. The rejected data are known to contain significant errors based on documented information. The data user must not use the rejected data to make environmental decisions. The presence or absence of the analyte cannot be verified.

U - The analyte was analyzed for, but due to blank contamination was flagged as non-detect (U). The result is usable as nondetect.

UJ - The analyte was not detected above the reported sample quantitation limit. Data are flagged (UJ) when a QC analysis fails outside the primary acceptance limits. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The "UJ" data may be biased low.

Highlighted text denotes concentrations exceeding NYSDEC Restricted-Residential Use SCO

Table 12
Soil Analytical Results for Semi-Volatile Organic Compounds

Captain's Cove

Client Sample ID:	NYSDEC ⁽¹⁾	CC-C-001	CC-C-002	CC-C-003	CC-C-004	CC-C-005	CC-C-006	CC-C-007	CC-C-008																																						
Sample Depth:	Soil Cleanup Objectives	0'-2'	2'-4'	10'-12'	0'-2'	4'-6'	6'-8'	0'-2'	4'-6'	8'-10'	0'-2'	2'-4'	4'-6'	8'-10'	0'-2'	4'-6'	6'-8'	0'-2'	4'-6'	6'-8'																											
Laboratory ID:	Restricted-Residential Use	480-54686-1	480-54686-2	480-54686-3	480-54686-4	480-54686-5	480-54686-6	480-54686-7	480-54686-8	480-54686-9	480-54686-10	480-54686-11	480-54686-12	480-54686-13	480-54686-14	480-54686-15	480-54686-16	480-54686-17	480-54686-18	480-54686-19	480-54686-20	480-54686-21	480-54686-22	480-54686-23	480-54686-24																						
sampling Date:	2/11/2014	2/11/2014	2/11/2014	2/11/2014	2/11/2014	2/11/2014	2/11/2014	2/11/2014	2/11/2014	2/11/2014	2/11/2014	2/11/2014	2/11/2014	2/11/2014	2/11/2014	2/11/2014	2/11/2014	2/11/2014	2/11/2014	2/11/2014	2/11/2014	2/11/2014	2/11/2014																								
Semi-Volatile Organic Compounds																																															
2,4,5-Trichlorophenol	NS	43	U	41	U	47	U	42	U	40	U	210	U	200	U	37	U	38	U	42	U	210	U	43	U	41	U	200	U	39	U	200	U	210	U												
2,4,6-Trichlorophenol	NS	13	U	12	U	14	U	13	U	12	U	62	U	60	U	13	U	12	U	61	U	11	U	11	U	13	U	64	U	13	U	12	U	59	U	62	U	12	U	61	U	63	U				
2,4-Dichlorophenol	NS	10	U	9.9	U	11	U	10	U	9.6	U	49	U	47	U	10	U	9.9	U	97	U	49	U	48	U	8.9	U	9.1	U	10	U	51	U	10	U	9.8	U	47	U	49	U	9.5	U	49	U	50	U
2,4-Dimethylphenol	NS	53	U	51	U	58	U	52	U	50	U	250	U	240	U	52	U	51	U	500	U	250	U	250	U	46	U	47	U	52	U	260	U	53	U	53	U	51	U	240	U	250	U	260	U		
2,4-Dinitrophenol	NS	68	U	66	U	75	U	68	U	64	U	330	U	320	U	67	U	66	U	650	U	330	U	320	U	60	U	61	U	68	U	340	U	69	U	65	U	320	U	63	U	330	U				
2,4-Dinitrotoluene	NS	30	U	29	U	33	U	30	U	28	U	150	U	140	U	30	U	29	U	290	U	150	U	140	U	27	U	30	U	150	U	31	U	30	U	29	U	140	U	28	U	150	U				
2,6-Dinitrotoluene	NS	48	U	46	U	53	U	47	U	45	U	230	U	220	U	47	U	46	U	450	U	230	U	220	U	42	U	43	U	47	U	240	U	48	U	46	U	220	U	44	U	230	U	230	U		
2-Chloronaphthalene	NS	13	U	13	U	14	U	13	U	12	U	63	U	61	U	13	U	12	U	120	U	63	U	62	U	11	U	12	U	13	U	65	U	13	U	12	U	62	U	12	U	64	U				
2-Chlorophenol	NS	9.9	U	9.6	U	11	U	9.8	U	9.3	U	48	U	46	U	48	U	47	U	8.7	U	8.9	U	9.9	U	49	U	10	U	10	U	9.5	U	46	U	47	U	48	U								
2-Methylnaphthalene	NS	19	J	2.3	U	690	U	14	J	46	J	43	J	11	U	36	J	33	J	22	U	61	J	110	J	2.1	U	160	J	20	J	39	J	6.4	J	22	J	43	J	11	J	2.2	U	92	J	140	J
2-Methylphenol	NS	6	U	5.8	U	6.6	U	5.9	U	5.6	U	29	U	28	U	5.9	U	5.8	U	57	U	29	U	28	U	5.2	U	54	U	6	U	30	U	6.1	U	6	U	5.7	U	28	U	29	U				
2-Nitroaniline	NS	63	U	60	U	69	U	62	U	59	U	300	U	290	U	62	U	61	U	590	U	300	U	290	U	55	U	56	U	62	U	310	U	63	U	60	U	290	U	300	U						
2-Nitrophenol	NS	8.9	U	8.6	U	9.9	U	8.8	U	8.4	U	41	U	41	U	8.8	U	8.7	U	85	U	43	U	42	U	7.8	U	8	U	8.8	U	44	U	9	U	8.5	U	41	U	8.3	U	42	U	43	U		
3,3'-Dichlorobenzidine	NS	170	U	160	U	190	U	170	U	160	U	830	U	790	U	170	U	160	U	820	U	810	U	150	U	170	U	840	U	170	U	160	U	790	U	820	U	830	U								
5-Nitroaniline	NS	45	U	43	U	50	U	44	U	42	U	220	U	210	U	44	U	44	U	430	U	220	U	210	U	39	U	40	U	45	U	43	U	210	U	42	U	210	U	220	U						
4,6-Dinitro-o-cresol ^f	100,000 ^e	67	U	65	U	74	U	67	U	63	U	330	U	310	U	66	U	65	U	640	U	320	U	320	U	65	U	66	U	65	U	65	U	320	U	62	U	320	U	330	U						
4-Bromophenyl phenyl ether	NS	62	U	60	U	69	U	61	U	58	U	300	U	290	U	61	U	60	U	590	U	300	U	290	U	54	U	56	U	62	U	310	U	63	U	62	U	59	U	290	U	300	U				
4-Chloro-3-methylphenol	NS	8	U	7.7	U	8.9	U	7.9	U	7.5	U	39	U	37	U	7.9	U	7.8	U	76	U	39	U	38	U	7.7	U	8	U	40	U	8.1	U	7.7	U	37	U	7.4	U	39	U						
4-Chloroaniline	NS	57	U	55	U	6																																									

Table 12
Analytical Results for Semi-Volatile Organic Compounds

Captain's Cove

Item Sample ID	NYSDEC ⁽¹⁾	CC-C-009				CC-C-010				CC-C-011				CC-C-012				CC-C-013				CC-C-014				CC-C-015				CC-C-016																				
		Soil Cleanup Objectives		0-2'	4-6'	6-8'	0-2'		4-6'	8-10'	0-2'		4-6'	6-8'	0-2'		4-6'	8-10'	0-2'		2-4'	10-12'	0-2'		4-6'	8-10'	0-2'		4-6'	8-10'	0-2'		4-6'	8-10'																
Sample Depth:	Restricted/Residential Use	480-54686-25	480-54686-26	480-54686-27	480-54686-28	480-54686-29	480-54686-30	480-54686-33	480-54686-34	480-54686-35	480-54686-37	480-54686-38	480-54686-39	480-54779-2	480-54779-3	480-54779-4	480-54779-5	480-54779-6	480-54779-7	480-54779-8	480-54779-9	480-54779-10	480-54779-11	480-54779-12																										
semi-volatile Organic Compounds																																																		
4,5-Trichlorophenol	NS	—	40	U	420	U	210	U	200	U	200	U	210	U	41	U	220	U	210	U	42	U	210	U	43	U	40	U	790	U	40	U	39	U	200	U	200	U	390	U	810	U	830	U	40	U	190	U		
4,6-Trichlorophenol	NS	—	12	U	130	U	64	U	62	U	62	U	64	U	12	U	65	U	64	U	13	U	63	U	13	U	12	U	240	U	12	U	60	U	60	U	59	U	120	U	240	U	250	U	12	U	59	U		
4-Dichlorophenol	NS	—	9.7	U	100	U	50	U	49	U	51	U	9.7	U	52	U	51	U	10	U	50	U	10	U	9.6	U	190	U	9.5	U	94	U	47	U	48	U	47	U	95	U	190	U	200	U	95	U	47	U		
4-Methylphenol	NS	—	50	U	520	U	260	U	250	U	260	U	50	U	270	U	260	U	52	U	260	U	54	U	50	U	49	U	48	U	240	U	250	U	240	U	1,000	U	49	U	240	U								
4-Dinitrophenol	NS	—	65	U	670	U	340	U	330	U	340	U	65	U	350	U	340	U	68	U	340	U	69	U	64	U	1,300	U	63	U	320	U	320	U	310	U	1,300	U	1,300	U	64	U	310	U						
4-Dinitrotoluene	NS	—	29	U	300	U	150	U	140	U	150	U	29	U	150	U	150	U	30	U	150	U	31	U	28	U	140	U	140	U	28	U	570	U	590	U	28	U	140	U										
4-Dinitrotoluene	NS	—	45	U	470	U	240	U	230	U	240	U	45	U	240	U	240	U	48	U	230	U	49	U	45	U	44	U	220	U	220	U	220	U	440	U	910	U	45	U	220	U								
Chlorophenol	NS	—	12	U	130	U	65	U	63	U	63	U	65	U	12	U	66	U	65	U	13	U	64	U	13	U	12	U	240	U	12	U	61	U	60	U	120	U	250	U	260	U	12	U	60	U				
Chlorophenol	NS	—	9.4	U	98	U	49	U	48	U	48	U	9.5	U	50	U	49	U	9.9	U	49	U	10	U	9.4	U	190	U	9.2	U	9.1	U	46	U	46	U	46	U	90	U	190	U	9.3	U	45	U				
Methylnaphthalene	NS	—	2.2	U	320	J	200	J	94	J	2,000	—	230	J	2.3	U	12	U	180	J	46	J	770	J	150	J	2.2	U	44	U	77	J	2.2	U	110	J	69	J	11	U	370	J	770	J	46	U	2,2	U	11	U
Methylphenol	NS	—	5.7	U	59	U	30	U	29	U	30	U	5.7	U	30	U	30	U	6	U	30	U	6	U	5.7	U	110	U	5.6	U	5.5	U	28	U	28	U	28	U	56	U	650	U	120	U	5.6	U	27	U		
Nitroaniline	NS	—	59	U	620	U	310	U	300	U	310	U	60	U	320	U	310	U	62	U	310	U	64	U	59	U	1,200	U	58	U	57	U	290	U	290	U	280	U	58	U	1,200	U	58	U	280	U				
Nitrophenol	NS	—	8.5	U	88	U	44	U	43	U	43	U	8.5	U	45	U	44	U	8.9	U	44	U	9.1	U	8.4	U	170	U	8.3	U	8.2	U	41	U	83	U	170	U	8.3	U	41	U								
3-Dichlorobenzidine	NS	—	160	U	1,700	U	840	U	820	U	850	U	160	U	870	U	840	U	170	U	840	U	170	U	160	U	3,200	U	160	U	800	U	780	U	1,600	U	3,300	U	780	U	1,600	U	3,300	U	780	U				
Nitroaniline	NS	—	43	U	440	U	220	U	220	U	220	U	43	U	230	U	220	U	45	U	220	U	46	U	42	U	41	U	210	U	210	U	420	U	850	U	880	U	42	U	200	U								
6-Dinitro-o-cresol ^a	100,000 ^b	—	64	U	660	U	330	U	320	U	330	U	64	U	340	U	330	U	67	U	330	U	68	U	64	U	1,300	U	63	U	310	U	310	U	1,300	U	63	U	310	U	1,300	U	63	U	310	U				
Bromophenyl phenyl ether	NS	—	59	U	610	U	310	U	300	U	310	U	59	U	320	U	310	U	62	U	310	U	63	U	59	U	1,200	U	58	U	1,200	U	58	U	1,200	U	58	U	1,200	U	58	U	1,200	U	58	U	1,200	U		
Chloro-3-methylphenol	NS	—	7.6	U	79	U	40	U	39	U	40	U	7.6	U	41	U	40	U	8	U	39	U	8.2	U	7.6	U	150	U	7.5	U	7.4	U	37	U	7.3	U	74	U	150	U	7.5	U	37	U						
Chlorobaniline	NS	—	54	U	560	U	280	U	270	U	280	U	55	U	290	U	280	U	57	U	280	U	58	U	54	U	1,100	U	53	U	260	U	260	U	530	U	1,100	U	53	U	260	U								
Chlorophenyl phenyl ether	NS	—	4	U	41	U	21	U	20	U	21	U	4	U	21	U	21	U	4	U	20	U	4	U	77	U	3.8	U	19	U	19	U	39	U	79	U	81	U	3.9	U	19	U	19	U						
Methylphenol	NS	—	10	U	110	U	54	U	52	U	52	U	54	U	10	U	55	U	54	U	11	U	53	U	11	U	10	U	200	U	48	U	10	U	50	U	51	U	100	U	50	U	51	U	10	U	49	U		
Cyanophthalene	NS	—	2.2	U	1,000	J	340	J	400	J	7,800	—	490	J	2.2	U	140	J	920	J	190	J	3,800	—	820	—	27	J	43	U	200	—	2.1	U	250	J	390	J	26	J	1,200	J	1,900	J	45	U	2.1	U	10	U
cyanophthalene ^a	100,000 ^b	—	240	J	740	J	640	J	340	J	5,600	—	880	J	69	J	630	J	1,700	—	1,600	—	120	J	360	J	740	J	31	J	550	J	520	J	660	J	640	J	1,100	J	26	J	160	J						
enzo(a)pyrene	100,000 ^b	—	290	J	610	J	530	J	230	J	4,900	—	780	J	74	J	630	J	960	J	1,100	—	900	J	150	J	410	J	630	J	44	U	18	J	450	J	400	J	600	J	640	J	1,500	J	28	J	150	J		
enzo(b)fluoranthene ^a	100,000 ^b	—	580	J	1,100	J	840	J	350	J	7,000	—	1,200	J	110	J	1,000	J	1,700	—	1,800	—	210	J	630	—	800	J	27	J	29	J	660	J	1,100	J	850	J	1,000	J	770	J	2,200	J	45	J	210	J		
enzo(g)phenylethane ^a	100,000 ^b	—	140	J	170	J	160	J	150	J	1,100	—	300	J	28	J	230	J	450	—	200	J	69	J	150	J	520	J	22	U	320	J	340	J	280	J	520	J	620	J	22	U	130	J						
ethylbenzyl phthalate	NS	—	78	J	410,000	—	310	J	800	J	300	J	420	J	79	J	340	J	1,200	—	2,200	—	210	J	110	J	59	U	17,000	—	590	—	58	U	800	J	680	J	290	J	710	J	1,200	J	1,200	J	59	U	290	J
ethyl benzyl phthalate	NS	—	50	U	11,000	—	260	J	250	J	50	U	270	J	50	U	270	J	260	U	300	J	53	U	49	U	48	U	240	J	240	J	490	U	1,000	—	1,000	U	49	U	49	U	1,000	—	240	J	240	J		
prolactum	NS	—	80	U	830	U	420	U	410	U	420	U	80	U	430	U	420	U	84	U	420	U	86	U	80	U	1,600	U	78	U	78	U	390	U	390	U	390	U	780	U	1,600	U	1,700	U	79	U	380	U		
arbazole	NS	—	2.1	U	22	U	11	U	11	U	3,300	—	170	J	2.2	U	11	U	260	J	190	J	21	J	32	J	42	U	21	U	11	U	10	U	630	J	43	U	44	U	21	U	10	U	630	J	43	U	44	U
hydene ^a	3,900	—	280	J	760	J	670	J	360	J	5,800	—																																						

notes:

) NYSDEC 6 NYCRR Environmental Remediation Programs Par

- The SCOs for residential, restricted-residential and ecological

- The SCOs for industrial use and protection of groundwater w

- For constituents where the calculated SCO was lower than t

For constituents where the calculated SCO was lower than the

S - No Standard

- Compound was found in the blank and sample.

- Data are flagged (J) when a QC analysis fails outside the primary limits.

N - The analysis indicated the presence of a compound that had reacted on the basis of an unacceptable GC result.

- The analyte was analyzed for, but due to blank contamination

| - The analyte was not detected above the reported sample

U - The analyte was not detected above the reported sample detection limit.

EMERGENCY TEXT: Denotes concentrations exceeding NIOSH's R-Value.

Table 12
Soil Analytical Results for Semi-Volatile Organic Compounds

Captain's Cove

Client Sample ID:	NYSDEC ⁽¹⁾	CC-C-017			CC-C-018			CC-C-019			CC-C-020			CC-C-021			CC-C-022			CC-C-023			CC-C-024																		
Sample Depth:	Soil Cleanup Objectives	0'-2'	4'-6'	6'-8'	0'-2'	4'-6'	10'-12'	0'-2'	4'-6'	6'-8'	0'-2'	4'-6'	8'-10'	0'-2'	2'-4'	8'-10'	0'-2'	2'-4'	6'-8'	0'-2'	4'-6'	6'-8'	0'-2'	4'-6'	8'-10'																
Laboratory ID:	Restricted-Residential Use	480-54779-13	480-54779-14	480-54779-15	480-54779-16	480-54779-17	480-54779-18	480-54779-19	480-54779-20	480-54779-21	480-54779-22	480-54779-23	480-54779-24	480-54779-25	480-54779-26	480-54779-27	480-54779-28	480-54779-29	480-54779-30	480-54779-31	480-54779-32	480-54779-33	480-54779-34	480-54779-35	480-54779-36																
Sampling Date: 2/12/2014																																									
Semi-Volatile Organic Compounds																																									
2,4,5-Trichlorophenol	NS	200	U	410	U	400	U	400	U	390	U	410	U	400	U	410	U	41	U	810	U	400	U	1,600	U	200	U	420	U	410	U	40	U								
2,4,6-Trichlorophenol	NS	60	U	120	U	12	U	240	U	120	U	490	U	60	U	130	U	12	U	12	U																				
2,4-Dichlorophenol	NS	48	U	98	U	96	U	93	U	97	U	93	U	99	U	97	U	98	U	98	U	190	U	95	U	390	U	47	U	100	U	93	U	190	U	97	U				
2,4-Dimethylphenol	NS	250	U	510	U	500	U	480	U	500	U	480	U	510	U	500	U	510	U	50	U	1,000	U	490	U	2,000	U	240	U	520	U	48	U	970	U	2,000	U	510	U	50	U
2,4-Dinitrophenol	NS	320	U	650	U	640	U	620	U	650	U	660	U	650	U	660	U	65	U	1,300	U	640	U	2,600	U	320	U	680	U	62	U	1,300	U	2,600	U	670	U	660	U	64	U
2,4-Dinitrotoluene	NS	140	U	290	U	280	U	270	U	290	U	290	U	290	U	290	U	29	U	570	U	280	U	1,200	U	140	U	300	U	28	U	560	U	1,100	U	290	U	300	U	29	U
2,6-Dinitrotoluene	NS	220	U	460	U	450	U	430	U	450	U	430	U	460	U	450	U	46	U	900	U	440	U	1,800	U	220	U	470	U	44	U	880	U	1,800	U	470	U	460	U	45	U
2-Chloronaphthalene	NS	61	U	130	U	120	U	120	U	120	U	130	U	120	U	120	U	13	U	250	U	120	U	50	U	61	U	130	U	12	U	240	U	99	U	130	U	12	U		
2-Chlorophenol	NS	47	U	95	U	94	U	90	U	94	U	94	U	95	U	95	U	92	U	380	U	46	U	99	U	91	U	180	U	380	U	97	U	98	U	96	U	94	U		
2-Methylnaphthalene	NS	11	U	170	J	270	J	22	U	21	U	23	U	22	U	23	U	23	U	45	U	22	U	90	U	11	U	23	U	260	U	43	U	89	U	23	U	23	U	24	J
2-Methylphenol	NS	28	U	58	U	57	U	55	U	57	U	58	U	57	U	58	U	57	U	110	U	56	U	230	U	28	U	60	U	55	U	110	U	59	U	58	U	57	U		
2-Nitroaniline	NS	290	U	600	U	590	U	570	U	590	U	600	U	590	U	600	U	60	U	1,200	U	580	U	2,400	U	290	U	620	U	57	U	1,200	U	2,400	U	610	U	59	U		
2-Nitrophenol	NS	42	U	88	U	81	U	84	U	85	U	81	U	86	U	85	U	86	U	170	U	83	U	340	U	41	U	89	U	81	U	160	U	340	U	87	U	84	U		
3,3'-Dichlorobenzidine	NS	800	U	1,600	U	1,600	U	1,600	U	1,600	U	1,600	U	1,600	U	1,600	U	1,600	U																						
5-Nitroaniline	NS	210	U	430	U	420	U	410	U	430	U	430	U	430	U	430	U	43	U	850	U	420	U	1,700	U	210	U	450	U	41	U	820	U	1,700	U	440	U	440	U	42	U
4,6-Dinitro-o-cresol ^f	100,000 ^e	320	U	650	U	640	U	610	U	650	U	640	U	650	U	64	U	1,300	U	630	U	2,600	U	310	U	670	U	61	U	1,200	U	2,500	U	660	U	650	U	64	U		
4-Bromophenyl phenyl ether	NS	290	U	600	U	590	U	560	U	590	U	600	U	590	U	600	U	59	U	1,200	U	580	U	2,400	U	290	U	620	U	57	U	1,100	U	2,300	U	610	U	600	U	59	U
4-Chloro-3-methylphenol	NS	38	U	77	U	76</																																			

Table 12
Soil Analytical Results for Semi-Volatile Organic Compounds

Captain's Cove

Client Sample ID:	NYSDC ⁽¹⁾	Soil Cleanup Objectives	CC-C-026		CC-C-026		CC-C-027		CC-C-028		CC-C-029		CC-C-030		CC-C-031		CC-C-032									
			0'-2'	2'-4'	6'-8'	0'-2'	4'-6'	8'-10'	0'-2'	2'-4'	6'-8'	0'-2'	4'-6'	8'-10'	0'-2'	2'-4'	8'-10'	0'-2'	4'-6'	6'-8'						
Semi-Volatile Organic Compounds																										
2,4,5-Trichlorophenol	NS	390	U	40	U	200	U	200	U	190	U	200	U	400	U	210	U	46	U	40	U	390	U	400	U	
2,4,6-Trichlorophenol	NS	120	U	12	U	60	U	60	U	12	U	59	U	57	U	60	U	61	U	120	U	65	U	14	U	
2,4-Dichlorophenol	NS	94	U	9.6	U	48	U	48	U	9.5	U	47	U	45	U	48	U	49	U	49	U	9.6	U	94	U	
2,4-Dimethylphenol	NS	480	U	49	U	250	U	250	U	49	U	240	U	230	U	250	U	250	U	57	U	52	U	11	U	
2,4-Dinitrophenol	NS	630	U	64	U	320	U	320	U	64	U	310	U	300	U	320	U	640	U	73	U	64	U	630	U	
2,4-Dinitrotoluene	NS	280	U	28	U	140	U	140	U	28	U	140	U	130	U	140	U	290	U	150	U	32	U	28	U	
2,6-Dinitrotoluene	NS	440	U	45	U	220	U	220	U	44	U	220	U	210	U	230	U	450	U	240	U	51	U	45	U	
2-Chloronaphthalene	NS	120	U	12	U	61	U	61	U	12	U	60	U	58	U	61	U	62	U	120	U	66	U	14	U	
2-Chlorophenol	NS	91	U	9.3	U	46	U	47	U	9.2	U	46	U	44	U	46	U	47	U	94	U	50	U	11	U	
2-Methylnaphthalene	NS	22	U	60	J	70	J	11	U	31	J	22	U	11	U	11	U	22	U	12	U	57	J	22	U	
2-Methylphenol	NS	55	U	5.6	U	28	U	28	U	5.6	U	28	U	27	U	28	U	28	U	57	U	6	U	6.4	U	
2-Nitroaniline	NS	580	U	59	U	290	U	290	U	58	U	290	U	280	U	300	U	590	U	67	U	59	U	580	U	
2-Nitrophenol	NS	82	U	8.3	U	42	U	41	U	8.3	U	41	U	40	U	41	U	42	U	84	U	45	U	9.6	U	
3,3'Dichlorobenzidine	NS	1600	U	160	U	800	U	800	U	160	U	790	U	800	U	810	U	1600	U	1600	U	1600	U	1700	U	
5-Nitroaniline	NS	410	U	42	U	210	U	210	U	42	U	210	U	210	U	420	U	230	U	48	U	42	U	410	U	
4,6-Dinitro-o-cresol ^f	100,000 ^g	620	U	63	U	310	U	310	U	63	U	310	U	300	U	310	U	640	U	72	U	63	U	620	U	
4-Bromophenyl phenyl ether	NS	570	U	58	U	290	U	290	U	58	U	290	U	280	U	300	U	590	U	310	U	67	U	58	U	
4-Chloro-3-methylphenol	NS	74	U	7.5	U	37	U	37	U	7.5	U	37	U	36	U	37	U	38	U	76	U	40	U	8.6	U	
4-Chloroaniline	NS	530	U	54	U	270	U	270	U	53	U	260	U	250	U	270	U	270	U	54	U	530	U	530	U	
4-Chlorophenyl phenyl ether	NS	38	U	3.9	U	19	U	19	U	20	U	3.9	U	19	U	18	U	19	U	20	U	39	U	4.5	U	
4-Methylphenol	NS	100	U	10	U	51	U	51	U	10	U	50	U	48	U	51	U	52	U	100	U	55	U	12	U	
4-Nitroaniline	NS	200	U	20	U	100	U	100	U	20	U	100	U	100	U	210	U	110	U	23	U	20	U	200	U	
4-Nitrophenol	NS	440	U	44	U	220	U	220	U	44	U	220	U	210	U	220	U	230	U	450	U	240	U	440	U	
Acenaphthene ^h	100,000 ^g	26	J	150	J	260	J	11	U	53	J	21	U	11	U	10	U	750	J	11	U	11	J	12	J	
Acenaphthylene ^h	100,000 ^g	15	U	87	J	51	J	7.4	U	7.5	U	1.5	U	7.3	U	7.1	U	7	U	8	U	7.6	U	15	U	
Acetophenone	NS	92	U	9.4	U	47	U	47	U	9.3	U	46	U	44	U	47	U	95	U	50	U	11	U	9.4	U	
Anthracene ^h	100,000 ^g	110	J	260	J	340	J	55	J	73	J	4.7	U	23	U	22	U	990	J	140	J	340	J	25	U	
Atrazine	NS	80	U	8.1	U	40	U	40	U	41	U	8.1	U	40	U	41	U	82	U	41	U	83	U	80	U	
Benzaldehyde	NS	200	U	20	U	R	100	U	100	U	20	U	98	U	95	U	99	U	R	100	U	R	200	U	R	200
Benzofluoranthene ^h	1,000 ^g	390	J	660	940	210	J	240	J	3.1	U	450	J	270	J	720	J	1,300 ^g	380	J	780	J	400	J	320	J
Benzol[<i>a</i>]pyrene	1,000 ^g	340	J	580	930	190	J	210	J	15	J	440	J	210	J	570	J	1,200 ^g	350	J	720	J	360	J	220	J
Benzofluoranthene ^h	1,000 ^g	530	J	740	1,100 ^g	340	J	300	J	23	J	660	J	320	J	910	J	1,900 ^g	520	J	1,100 ^g	570	J	1,100 ^g	35	U
Benzog[<i>ghi</i>]perylene ^h	100,000 ^g	330	J	490	800	J	210	J	180	J	2.2	U	11	U	11	U	10	U	440	J	140	J	270	J	250	J
Benzofluoranthene ^h	3,900	180	J	300	540	J	85	J	160	J	15	J	270	J	210	J	450	J	760	J	270	J	480	J		

Table 12
Soil Analytical Results for Semi-Volatile Organic Compounds

Captain's Cove

Client Sample ID:	NYSDEC ⁽¹⁾	CC-C-033				CC-C-034				CC-C-035				CC-C-036				CC-C-037				CC-C-038				CC-C-039				CC-C-040																			
Sample Depth:	Soil Cleanup Objectives	0'-2'	2'-4'	8'-10'	0'-2'	2'-4'	8'-10'	0'-2'	2'-4'	8'-10'	0'-2'	2'-4'	6'-8'	0'-2'	4'-6'	8'-10'	0'-2'	4'-6'	8'-10'	0'-2'	4'-6'	8'-10'	0'-2'	4'-6'	8'-10'	0'-2'	4'-6'	8'-10'	0'-2'	4'-6'	8'-10'																		
Laboratory ID:	Restricted-Residential Use	480-54836-7	480-54836-8	480-54836-9	480-54836-17	480-54836-17	480-54836-19	480-54836-20	480-54836-21	480-54836-22	480-54836-14	480-54836-15	480-54836-16	480-54836-23	480-54836-25	480-54836-26	480-54901-4	480-54901-5	480-54901-6	480-54901-1	480-54901-2	480-54901-3	480-54901-7	480-54901-8	480-54901-9																								
sampling Date:	2/14/2014	2/14/2014	2/14/2014	2/14/2014	2/14/2014	2/14/2014	2/14/2014	2/14/2014	2/14/2014	2/14/2014	2/14/2014	2/14/2014	2/14/2014	2/14/2014	2/14/2014	2/14/2014	2/14/2014	2/14/2014	2/14/2014	2/14/2014	2/14/2014	2/17/2014	2/17/2014	2/17/2014	2/17/2014	2/17/2014	2/17/2014	2/17/2014	2/17/2014	2/17/2014																			
Semi-Volatile Organic Compounds																																																	
2,4,5-Trichlorophenol	NS	420	U	400	U	41	U	390	U	410	U	4800	U	210	U	38	U	410	U	420	U	390	U	37	U	39	U	200	U	830	U	390	U	39	U	40	U	190	U	41	U	400	U	400	U	390	U		
2,4,6-Trichlorophenol	NS	130	U	120	U	12	U	120	U	120	U	1,500	U	62	U	12	U	120	U	130	U	120	U	11	U	12	U	61	U	250	U	120	U	12	U	12	U	58	U	12	U	120	U	120	U	120	U		
2,4-Dichlorophenol	NS	100	U	96	U	98	U	94	U	99	U	1,200	U	49	U	92	U	98	U	100	U	94	U	89	U	93	U	49	U	200	U	93	U	93	U	97	U	97	U	97	U	93	U						
2,4-Dimethylphenol	NS	520	U	490	U	50	U	480	U	510	U	50	U	6,000	U	250	U	47	U	500	U	490	U	46	U	48	U	250	U	1,000	U	480	U	48	U	50	U	240	U	51	U	500	U	500	U	480	U		
2,4-Dinitrophenol	NS	670	U	640	U	65	U	630	U	660	U	65	U	7,700	U	330	U	61	U	650	U	670	U	630	U	60	U	62	U	320	U	1,300	U	620	U	62	U	65	U	310	U	66	U	650	U	620	U		
2,4-Dinitrotoluene	NS	300	U	280	U	29	U	280	U	290	U	29	U	3,400	U	150	U	27	U	290	U	300	U	280	U	26	U	27	U	140	U	590	U	280	U	28	U	29	U	140	U	29	U	290	U	270	U		
2,6-Dinitrotoluene	NS	470	U	450	U	46	U	440	U	460	U	46	U	5,400	U	230	U	43	U	460	U	470	U	440	U	42	U	43	U	230	U	940	U	440	U	44	U	45	U	220	U	46	U	450	U	450	U	430	U
2-Chloronaphthalene	NS	130	U	120	U	13	U	120	U	130	U	1,500	U	63	U	12	U	130	U	120	U	11	U	12	U	62	U	260	U	120	U	12	U	12	U	59	U	13	U	120	U	120	U	120	U				
2-Chlorophenol	NS	98	U	93	U	95	U	91	U	96	U	1,100	U	48	U	89	U	95	U	98	U	91	U	87	U	9	U	47	U	190	U	91	U	91	U	94	U	94	U	90	U								
2-Methylnaphthalene	NS	23	U	22	U	23	U	38	J	23	U	3,8	J	270	U	11	U	21	U	51	J	46	J	22	U	21	U	11	U	46	U	22	U	22	U	17	J	11	U	2,3	U	22	U	22	U	22	U		
2-Methylphenol	NS	59	U	56	U	57	U	55	U	58	U	57	U	6,800	U	29	U	54	U	57	U	59	U	55	U	57	U	29	U	120	U	55	U	55	U	57	U	57	U	55	U								
2-Nitroaniline	NS	620	U	590	U	60	U	570	U	600	U	60	U	7,100	U	300	U	56	U	620	U	580	U	55	U	57	U	300	U	1,200	U	570	U	57	U	590	U	590	U	570	U								
2-Nitrophenol	NS	88	U	84	U	85	U	82	U	86	U	8,5	U	1,000	U	43	U	8	U	85	U	88	U	82	U	78	U	8	U	170	U	81	U	84	U	81	U	81	U	81	U								
3,3'-Dichlorobenzidine	NS	1700	U	1600	U	160	U	1600	U	1600	U	19,000	U	830	U	150	U	1,700	U	1600	U	150	U	160	U	810	U	3,400	U	1600	U	1600	U	1600	U	1600	U	1600	U	1600	U								
5-Nitroaniline	NS	440	U	420	U	43	U	410	U	43	U	5,100	U	220	U	40	U	430	U	410	U	39	U	41	U	210	U	880	U	410	U	41	U	42	U	200	U	43	U	420	U	410	U						
4,6-Dinitro-o-cresol ^f	100,000 ^g	660																																															

Table 12
Analytical Results for Semi-Volatile Organic Compounds

References

¹⁰) NYSDEC 6 NYCRR Environmental Remediation Programs Par

- The SCOs for residential, restricted-residential and ecological

- The SCOs for residential, restricted-residential and ecological
- The SCOs for industrial use and protection of groundwater w

- The SCOs for industrial use and protection of groundwater were calculated.
- For constituents where the calculated SCO was lower than the maximum allowed concentration, the maximum allowed concentration was used.

- For constituents where the calculated SCQ was lower than t

S - No Standard

- Compound was found in the blank and sample

- Data are flagged (I) when a QC analysis fails outside the pre-specified limits.

- The analysis indicated the presence of a compound that has not been previously identified.

- Data rejected @ on the basis of an unacceptable QC analysis

- Data rejected \otimes on the basis of an unacceptable QC analysis
- The analyte was analyzed for, but due to blank contamination

- The analyte was analyzed for, but due to blank contamination
- | The analyte was not detected above the reported sample

J - The analyte was not detected above the reported sample detection limit; denotes concentrations exceeding NYSDDEC P:

highlighted text denotes concentrations exceeding NYSDEC Re

Table 12
Soil Analytical Results for Semi-Volatile Organic Compounds

Captain's Cove

Client Sample ID:	NYSDC ⁽¹⁾	CC-C-049	CC-C-050	CC-C-051	CC-C-052	CC-GI-001	CC-GI-002	CC-GTBH-001	CC-GTBH-002	CC-GTBH-003	CC-GTBH-004										
Sample Depth:	Soil Cleanup Objectives	0'-2'	2'-4'	8'-10'	0'-2'	2'-4'	8'-10'	0'-2'	2'-4'	0'-2'	4'-6'	6'-8'	0'-2'	4'-6'	6'-8'	0'-2'	4'-6'	6'-8'			
Laboratory ID:	Restricted-Residential	480-55157-5	480-55157-6	480-55157-7	480-55157-8	480-55157-9	480-55157-10	480-55157-12	480-55157-13	480-55157-14	480-55157-15	480-55157-16	480-55157-17	480-55157-20	480-55157-21	480-55157-24	480-55157-26	480-55157-27	480-55157-28	480-55157-29	480-55157-30
Sampling Date:	Use	2/21/2014	2/21/2014	2/21/2014	2/21/2014	2/21/2014	2/21/2014	2/21/2014	2/21/2014	2/21/2014	2/25/2014	2/25/2014	2/25/2014	2/25/2014	3/4/2014	3/4/2014	3/4/2014	3/4/2014	3/4/2014		
Semi-Volatile Organic Compounds																					
2,4,5-Trichlorophenol	NS	46	U	400	U	41	U	40	U	42	U	420	U	430	U	410	U	410	U	39	
2,4,6-Trichlorophenol	NS	14	U	120	U	12	U	12	U	13	U	120	U	130	U	120	U	120	U	12	
2,4-Dichlorophenol	NS	11	U	97	U	9.9	U	9.6	U	10	U	97	U	100	U	98	U	11	U	95	
2,4-Dimethylphenol	NS	57	U	500	U	51	U	50	U	53	U	500	U	520	U	530	U	510	U	500	
2,4-Dinitrophenol	NS	73	U	650	U	66	U	68	U	68	U	650	U	670	U	660	U	650	U	640	
2,4-Dinitrotoluene	NS	32	U	290	U	29	U	28	U	30	U	290	U	300	U	290	U	290	U	28	
2,6-Dinitrotoluene	NS	51	U	450	U	46	U	45	U	48	U	480	U	460	U	49	U	440	U	44	
2-Chloronaphthalene	NS	14	U	120	U	13	U	12	U	13	U	120	U	130	U	120	U	120	U	12	
2-Chlorophenol	NS	11	U	94	U	9.6	U	9.4	U	9.9	U	95	U	97	U	99	U	95	U	91	
2-Methylnaphthalene	NS	10	J	42	J	4.8	J	7.5	J	2.4	U	46	J	23	U	38	J	54	J	23	
2-Methylphenol	NS	6.5	U	57	U	5.8	U	5.6	U	6	U	57	U	60	U	58	U	62	U	55	
2-Nitroaniline	NS	67	U	590	U	61	U	59	U	62	U	600	U	610	U	600	U	580	U	570	
2-Nitrophenol	NS	9.6	U	85	U	8.6	U	8.4	U	8.9	U	85	U	87	U	89	U	86	U	82	
3,3'-Dichlorobenzidine	NS	180	U	1,600	U	170	U	160	U	170	U	1,600	U	1,700	U	1,600	U	1,600	U	1,600	
3-Nitroaniline	NS	48	U	430	U	43	U	42	U	45	U	430	U	440	U	450	U	430	U	44	
4,6-Dinitro-o-cresol [*]	100,000 [#]	72	U	640	U	65	U	63	U	67	U	640	U	650	U	670	U	660	U	66	
4-Bromophenyl phenyl ether	NS	67	U	590	U	60	U	58	U	62	U	590	U	610	U	620	U	590	U	570	
4-Chloro-3-methylphenol	NS	8.6	U	76	U	7.8	U	7.6	U	8	U	76	U	79	U	80	U	77	U	83	
4-Chloroaniline	NS	62	U	54	U	55	U	54	U	57	U	55	U	550	U	560	U	550	U	540	
4-Chlorophenyl phenyl ether	NS	4.5	U	39	U	4	U	3.9	U	4.1	U	40	U	41	U	42	U	40	U	38	
4-Methylphenol	NS	12	U	100	U	11	U	10	U	11	U	100	U	110	U	100	U	100	U	99	
4-Nitroaniline	NS	23	U	210	U	21	U	21	U	22	U	210	U	210	U	220	U	210	U	20	
4-Nitrophenol	NS	51	U	450	U	46	U	45	U	47	U	47	U	450	U	450	U	440	U	43	
Aceanaphthalene [*]	100,000 [#]	24	J	110	J	33	J	9.5	J	2.3	U	5.1	J	45	J	74	J	770	J	470	
Aceanaphthalene [*]	100,000 [#]	11	J	15	U	1.5	U	9	J	1.6	U	15	U	16	U	16	U	15	U	15	
Acetophenone	NS	11	U	95	U	9.7	U	9.4	U	10	U	95	U	98	U	100	U	96	U	94	
Anthracene [*]	100,000 [#]	57	J	140	J	50	J	35	J	5	U	13	J	140	J	72	J	200	J	1,900	
Atrautine	NS	9.3	U	82	U	8.4	U	8.2	U	8.7	U	83	U	83	U	9	U	80	U	79	
Benzaldehyde	NS	23	U	200	U	21	U	21	U	21	U	R	210	U	210	U	R	200	U	23	
Benz(a)anthracene [*]	1,000 [#]	270	U	480	J	150	J	170	J	16	J	54	J	640	J	420	J	520	J	3,500	
Benz(a)pyrene [*]	1,000 [#]	290	U	380	J	140	J	170	J	4.7	U	54	J	590	J	350	J	2,500	J	630	
Benz(b)fluoranthene [*]	1,000 [#]	370	U	510	J	170	J	240	J	3.8	U	63	J	800	J	420	J	600	J	4,000	
Benz(ghi)perylene [*]	100,000 [#]	230	U	22	U	100	J	140	J	2.3	U	45	J	460	J	23	U	130	J	2,200	
Benz(ghi)perylene [*]	3,900	U	180	J	300	J	78	J	120	J	2.1	U	45	J	380	J	200	J	1,200		
Biphenyl	NS	13	U	120	U	12	U	11	U	12	U	120	U	120	U	120	U	110	U	110	
Bis(2-chloroisopropyl)ether	NS	22	U	190	U	20	U	19	U	20	U	190	U	200	U	190	U	190	U	190	
Bis(2-chloroethyl)methane	NS	11	U	100	U	10	U	10	U	11	U	100	U	110	U	100	U	100	U	100	

Table 13
Analytical Results for Metals

Mountain's Cove

Sample ID:	NYSDEC ⁽¹⁾	CC-C-001	CC-C-002	CC-C-003	CC-C-004	CC-C-005	CC-C-006	CC-C-007	CC-C-008	CC-C-009	CC-C-010																																																	
Sample Depth:	Soil Cleanup Objectives	0'-2'	2'-4'	10'-12'	0'-2'	4'-6'	6'-8'	0'-2'	4'-6'	6'-8'	0'-2'																																																	
laboratory ID:	Restricted-Residential	480-54686-1	480-54686-2	480-54686-3	480-54686-4	480-54686-5	480-54686-6	480-54686-7	480-54686-8	480-54686-9	480-54686-10																																																	
Sampling Date:	Use	2/11/2014	2/11/2014	2/11/2014	2/11/2014	2/11/2014	2/11/2014	2/11/2014	2/11/2014	2/11/2014	2/11/2014																																																	
Total Metals (mg/kg)																																																												
Lumium, Total	NS	5,460	J	7,080	J	2,560	J	5,910	J	4,010	J	2,750	J	4,570	J	5,090	J	5,900	J	4,220	J	6,730	J	6,130	J	1,760	J	3,510	J	2,860	J	8,760	J	5,680	J	3,040	J	6,770	J	7,060	J	4,600	J	5,710	J	7,160	J	7,440	J	4,700	J	6,220	J	6,000	J	6,930	J	5,450	J	4,940
lthmyton, Total	NS	4.6	J	18.5	J	2.1	J	3.6	J	9.5	J	2.1	J	4.2	UJ	3.3	J	5.3	J	0.41	UJ	39.5	J	4.5	J	0.38	UJ	0.44	J	1.8	J	2.1	J	0.73	J	2.9	J	0.44	UJ	1.3	J	0.4	U	0.44	U	2.1	J	0.54	J	3.6	J	4.9	J	3.3						
enic, Total	24*	37.8	J	51.7	J	14.5	J	9.3	J	10.1	J	5.3	J	4.8	J	11.1	J	11.1	J	3.9	J	12.8	J	13.9	J	4.4	J	3.1	J	3.9	J	15.7	J	5.1	J	12.3	J	5.1	J	6	J	3.7	J	18.9	J	10.3	J	9.8	J	9.1	J	7.4								
rium, Total	400	60.7	J	83.5	J	13.7	J	9.8	J	21.5	J	44.8	J	37.5	J	170	J	171	J	220	J	192	J	12	J	23.4	J	90.6	J	145	J	48.1	J	54.3	J	124	J	138	J	48.8	J	59.3	J	46.4	J	33	J	133	J	172	J	146	J	85.7						
rylum, Total	72	0.27	J	0.39	J	0.089	J	0.15	J	0.38	J	0.15	J	0.17	J	0.17	J	0.22	J	0.19	J	0.085	J	0.16	J	0.1	J	0.37	J	0.33	J	0.14	J	0.31	J	0.26	J	0.3	J	0.39	J	0.29	J	0.3	J	0.23														
ndium, Total	4.3	1	J	14.6	J	0.04	J	1.1	J	0.95	J	0.62	J	0.2	J	1.8	J	0.13	J	1.5	J	1.4	J	0.16	J	0.43	J	0.98	J	1.9	J	0.36	J	0.82	J	0.18	J	0.17	J	1.4	J	0.3	J	1.1	J	1.6	J	1.2	J	16.2										
lum, Total	NS	7,440	B	31,300	B	33,500	B	6,210	B	6,760	B	8,800	B	9,880	B	9,130	B	24,000	B	9,860	B	8,420	B	3,440	B	403	B	5,170	B	5,460	B	2,790	B	4,670	B	8,800	B	11,000	B	3,670	B	1,530	B	15,800	B	48,400	B	5,380	B	6,610	B	5,710	B	10,700	B	6,170				
chromium, Total ^b	180	17.9	J	51.1	J	27.5	J	20.2	J	72.6	J	9.5	J	10.1	J	24.5	J	38.2	J	11.3	J	27.2	J	34.6	J	8.8	J	11.7	J	9.7	J	68.9	J	15.7	J	17	J	28.8	J	16.1	J	13.9	J	15.6	J	18.6	J	30	J	10.5	J	36	J	37.5	J	32.1	J	22.9		
obalt, Total	NS	7.5	J	17.2	J	7.1	J	8.5	J	2.2	J	4.5	J	3.2	J	5	J	6.7	J	2.6	J	7	J	1.2	J	2.5	J	2	J	11.3	J	4.7	J	3.7	J	6.8	J	4.5	J	4.5	J	5.8	J	7.6																
opper, Total	270	101	B	352	B	85,200	B	183	B	80	B	34.2	B	18.9	B	201	B	269	B	12.3	B	253	B	350	B	8.2	B	15.3	B	27	B	285	B	58.4	B	172	B	30.9	B	59.3	B	32	B	28.7	B	115	B	119	B	187	B	142	B	88.6						
ad, Total	400	151	J	217	J	53.3	J	230	J	428	J	71.2	J	37.8	J	353	J	15.3	J	362	J	31.7	J	257	J	6.3	J	15.7	J	93.3	J	172	J	60.7	J	80.4	J	239	J	159	J	53	J	32.2	J	726	J	38.8	J	278	J	354	J	216	J	226				
agnesium, Total	NS	2,280	J	17,000	J	6,560	J	2,110	J	1,320	J	854	J	3,100	J	1,950	J	2,300	J	2,880	J	2,040	J	1,690	J	472	J	608	J	2,970	J	1,610	J	2,010	J	3,030	J	23,400	J	1,430	J	1,830	J	2,050																
nganese, Total	2,000 ^c	256	B	320	B	294	B	393	B	181	B	236	B	143	B	323	B	373	B	158	B	435	B	350	B	64.7	B	75.5	B	254	B	77.6	B	88.8	B	275	B	194	B	164	B	261	B	197	B	275	B	158	B	247	B	210	B	261	B	250	B	260		
ckel, Total	310	18.4	J	19.2	J	21.2	J	22.6	J	7.4	J	11.2	J	6.7	J	30.3	J	31.2	J	6.8	J	36.1	J	25	J	2.3	J	4.4	J	6.4	J	3.4	J	23.3	J	24.7	J	13.4	J	10.9	J	17	J	12.2	J	26.8	J	6.7	J	39	J	32.4	J	19.6						
ckel, Total	310	18.4	J	19.2	J	21.2	J	22.6	J	7.4	J	11.2	J	6.7	J	30.3	J	31.2	J	6.8	J	36.1	J	25	J	2.3	J	4.4	J	6.4	J	3.4	J	23.3	J	24.7	J	13.4	J	10.9	J	17	J	12.2	J	26.8														
lum, Total	180	0.91	J	7.7	J	0.55	J	1.5	J	0.42	J	0.45	J	0.32	J	0.42	J	0.53	J	0.41	J	0.43	J	0.42	J	0.38	J	0.46	J	0.4	J	0.47	J	0.83	J	0.44	J	0.46	J	0.4	J	0.44	J	0.42	J	0.4	J	0.44	J	1										
ver, Total	180	4.5	J	48.8	J	3.1	J	3.8	J	4	J	0.27	J	0.21	J	4	J	9.9	J	0.2	J	3.8	J	0.19	J	0.43	J	0.23	J	6.4	J	2.2	J	1.7	J	3.9	J	0.22	J	1.8	J	4.8	J	3.2	J	1.7	J	6.2												
lum, Total	5	143	J	242	J	632	J	154	J	50.9	J	101	J	138	J	293	J	83.5	J	694	J	703	J	21.4	J	89.3	J	180	J	70.3	J	64.5	J	174	J	165	J	95.1	J	145	J	200	J	359	J	112	J	209	J	200	J	303	J	420	J	184				
allum, Total	NS	0.34	J	0.31	J	0.41	J	0.33	J	0.32	J	0.30	J	0.36	J	0.32	J	0.32	J	0.31	J	0.32	J	0.30	J	0.32	J	0.34	J	0.33	J	0.32	J	0.33	J	0.31	J	0.34	J	0.35	J	0.32	J	0.31	J	0.33	J	0.35												
andium, Total	NS	18.9	J	29.4	J	14.8	J	18.9	J	19.1	J	10.7	J	15.5	J	21.2	J	15.1	J	18.7	J	14.2	J	20.8	J	15.2	J	14.2	J	20.8	J	15.2	J	18.5	J	20.2	J	16.9	J	23.3	J	22.2	J	21.5																
nc, Total	10,000 ^d	160	B	218	B	43.4	B	288	B	164	B	67.9	B	49.1	B	447	B	643	B	42.9	B	37.9	B	849	B	428	B	14.3	B	253	B	88.1	B	128	B	314	B	97	B	83.6	B	391	B	0.16	B	35.4	B	254	B	318	B	290	B	410						
rcury, Total	0.81 ^e	0.14	J	0.44	J	6.2	J	0.18	J	0.11	J	0.087	J	0.032	J	0.17	J	0.27	J	0.033	J	0.11	J	0.087	J	0.025	J	0.052	J	0.22	J	0.19	J	0.056	J	0.19	J	0.061	J	0.25	J	0.17	J	0.049																
Total Metals (mg/kg)																																																												
Sample ID:	NYSDEC ⁽¹⁾	CC-C-011	CC-C-012	CC-C-013	CC-C-014	CC-C-015	CC-C-016	CC-C-017	CC-C-018	CC-C-019	CC-C-020																																																	
Sample Depth:	Soil Cleanup Objectives	0'-2'	4'-6'	6'-8'	0'-2'	4'-6'	6'-8'	0'-2'	4'-6'	6'-8'	0'-2'																																																	
laboratory ID:	Restricted-Residential	480-54686-33	480-54686-34	480-54686-35	480-54686-36	480-54686-37	480-54686-38	480-54686-39	480-54686-40	480-54686-41	480-54686-42																																																	
ampling Date:	Use	2/11/2014	2/11/2014	2/11/2014	2/11/2014	2/11/2014	2/11/2014	2/11/2014	2/11/2014	2/11/2014	2/11/2014																																																	
Lumium, Total	NS	4,670	J	5,560	J	5,410	J	5,050	J	3,240	J	4,720	J	6,260	J	13,600	J	1,140	J	6,480	J	5,050	J	5,200	J	6,210	J	2,990	J	6,540	J	6,730	J	5,630	J	6,900	J	6,050	J	3,580	J	5,970	J	5,620	J	3,430	J	6,440	J	6,580										
lthmyton, Total																																																												

Notes:

NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restricted Use of Soil Cleanup Objective Table 375-6.8b 12/06

Site Specific Cleanup Objective

- The SCOs for metals were capped at a maximum value of 10,000 ppm. See TSD section 9.3.

For constituents where the calculated SCO was lower than the rural soil background concentration

This SCO is the lower of the values for mercury (elemental) or mercury (inorganic salts). See TSD Table 5.6-1.

S - No Standard

Compound was found in the blank and sample.

Data are flagged (J) when a QC analysis fails outside the primary acceptance limits. The qu

• Data rejected [®] on the basis of an unacceptable QC analysis should be excluded from further analysis.

- The analyte was analyzed for, but due to blank contamination was flagged as non-detect (U)

- The analyte was not detected above the reported sample quantitation limit. Data are flagged.

Highlighted text denotes concentrations exceeding NYSDEC Restricted-Residential Use SCO

Table 13
Soil Analytical Results for Metals

Captain's Cove

Client Sample ID:	NYSDEC ⁽¹⁾	CC-C-031												CC-C-032												CC-C-033												CC-C-034												CC-C-035												CC-C-036												CC-C-037												CC-C-038												CC-C-039												CC-C-040																																																																																																																																																																																																																																																																																																																																																																																																													
		0'-2'			4'-6'			6'-8'			0'-2'			4'-6'			6'-8'			0'-2'			4'-6'			8'-10'			0'-2'			4'-6'			8'-10'			0'-2'			4'-6'			8'-10'			0'-2'			4'-6'			8'-10'			0'-2'			4'-6'			8'-10'			0'-2'			4'-6'			8'-10'			0'-2'			4'-6'			8'-10'			0'-2'			4'-6'			8'-10'			0'-2'			4'-6'			8'-10'			0'-2'			4'-6'			8'-10'			0'-2'			4'-6'			8'-10'			0'-2'			4'-6'			8'-10'			0'-2'			4'-6'			8'-10'			0'-2'			4'-6'			8'-10'			0'-2'			4'-6'			8'-10'			0'-2'			4'-6'			8'-10'			0'-2'			4'-6'			8'-10'			0'-2'			4'-6'			8'-10'			0'-2'			4'-6'			8'-10'			0'-2'			4'-6'			8'-10'			0'-2'			4'-6'			8'-10'			0'-2'			4'-6'			8'-10'			0'-2'			4'-6'			8'-10'			0'-2'			4'-6'			8'-10'			0'-2'			4'-6'			8'-10'			0'-2'			4'-6'			8'-10'			0'-2'			4'-6'			8'-10'			0'-2'			4'-6'			8'-10'			0'-2'			4'-6'			8'-10'			0'-2'			4'-6'			8'-10'			0'-2'			4'-6'			8'-10'			0'-2'			4'-6'			8'-10'			0'-2'			4'-6'			8'-10'			0'-2'			4'-6'			8'-10'			0'-2'			4'-6'			8'-10'			0'-2'			4'-6'			8'-10'			0'-2'			4'-6'			8'-10'			0'-2'			4'-6'			8'-10'			0'-2'			4'-6'			8'-10'			0'-2'			4'-6'			8'-10'			0'-2'			4'-6'			8'-10'			0'-2'			4'-6'			8'-10'			0'-2'			4'-6'			8'-10'			0'-2'			4'-6'			8'-10'			0'-2'			4'-6'			8'-10'			0'-2'			4'-6'			8'-10'			0'-2'			4'-6'			8'-10'			0'-2'			4'-6'			8'-10'			0'-2'			4'-6'			8'-10'			0'-2'			4'-6'			8'-10'			0'-2'			4'-6'			8'-10'			0'-2'			4'-6'			8'-10'			0'-2'			4'-6'			8'-10'			0'-2'			4'-6'			8'-10'			0'-2'	

Table 14
Soil Analytical Results for Pesticides

Captain's Cove

Sample Depth ID	NYSDC ¹ Soil Cleanup Objectives Restricted Residential Use	CC-C-031		CC-C-032		CC-C-033		CC-C-034		CC-C-035		CC-C-036		CC-C-037		CC-C-038		CC-C-039		CC-C-040				
		0'-2'	4'-6'	0'-2'	4'-6'	0'-2'	2'-4'	8'-10'	0'-2'	2'-4'	8'-10'	0'-2'	2'-4'	8'-10'	0'-2'	4'-6'	8'-10'	0'-2'	2'-4'	8'-10'	0'-2'	4'-6'	8'-10'	
Organic Pesticides (ug/kg)																								
J-000	13,000	18	U	44	3.6	U	18	U	26	4	16	U	19	U	16	U	34	U	17	U	43	U	34	
J-000E	8,900	31	J	32	1	2.8	U	14	U	14	U	14	U	14	U	14	U	14	U	14	U	14	U	
J-001	7,900	9.3	U	9.8	U	1.9	U	9.6	U	9.2	U	9.3	U	39	J	9.3	U	0.19	U	9.1	U	9.5	U	
Aladin	97	22	U	24	U	4.6	U	23	U	22	U	24	U	23	U	0.45	U	22	U	23	U	0.43	U	
Alpha-BHC	480	16	U	17	U	3.3	U	17	U	16	U	17	U	16	U	0.33	U	16	U	17	U	0.31	U	
Kappa-Chlordane	4,200	45	U	48	U	9.2	U	47	U	45	U	45	U	46	U	9.2	U	47	U	46	U	9.1	U	
Beta-BHC	360	9.8	U	10	U	10	U	9.7	U	9.5	U	10	U	9.9	U	0.50	U	9.7	U	9.5	U	0.50	U	
Endosulfan ²	100,000	17	U	24	U	2.4	U	24	U	22	U	24	U	24	U	2.4	U	22	U	24	U	2.4	U	
Endosulfan	200	22	U	23	U	4.4	U	20	U	22	U	23	U	22	U	4.4	U	20	U	22	U	4.4	U	
Endosulfan ³	24,000	11	U	12	U	2.3	U	12	U	11	U	11	U	12	U	0.23	U	11	U	12	U	0.22	U	
Endosulfan ⁴	24,000	16	U	17	U	3.3	U	17	U	16	U	17	U	16	U	0.33	U	16	U	17	U	0.31	U	
Endosulfan sulfate ⁵	24,000	17	U	18	U	3.5	U	18	U	17	U	17	U	18	U	0.34	U	17	U	18	U	0.33	U	
Ergo	11,000	13	U	13	U	2.6	U	13	U	12	U	13	U	13	U	0.25	U	12	U	13	U	0.24	U	
Furan	23	U	24	U	4.7	U	23	U	23	U	24	U	23	U	24	U	4.7	U	23	U	24	U	4.7	U
Germacane	N	27	U	28	U	2.7	U	27	U	26	U	27	U	27	U	2.7	U	26	U	27	U	2.7	U	
Lambda-BHC (Undine)	1,300	11	U	12	U	2.3	U	12	U	11	U	11	U	11	U	2.3	U	11	U	11	U	2.3	U	
Lambda-Chlordane	NS	45	J	32	J	5.9	U	34	J	36	J	29	U	30	J	41	J	5.9	U	29	U	30	U	
Kaptochlor	2,100	14	U	15	U	2.9	U	15	U	14	U	15	U	14	U	0.29	U	14	U	15	U	0.27	U	
Kaptochlor epoxide	NS	23	U	25	U	4.8	U	24	U	23	U	24	U	24	U	0.29	U	23	U	24	U	0.27	U	
Kaptochlor	NS	13	U	13	U	2.6	U	13	U	12	U	13	U	13	U	0.25	U	12	U	13	U	0.25	U	
Leptophos	NS	530	U	540	U	110	U	530	U	520	U	530	U	540	U	110	U	520	U	530	U	530	U	
Leptophos	NS	530	U	540	U	110	U	530	U	520	U	530	U	540	U	110	U	520	U	530	U	530	U	
Sample Depth ID	NYSDC ¹ Soil Cleanup Objectives Restricted Residential Use	CC-C-041		CC-C-042		CC-C-043		CC-C-044		CC-C-045		CC-C-046		CC-C-047		CC-C-048		CC-C-049		CC-C-050				
		0'-2'	4'-6'	8'-10'	0'-2'	4'-6'	8'-10'	0'-2'	4'-6'	8'-10'	0'-2'	4'-6'	8'-10'	0'-2'	4'-6'	8'-10'	0'-2'	4'-6'	8'-10'	0'-2'	4'-6'	8'-10'		
J-000	13,000	11	J	68	2	4.1	J	51	J	29	J	34	U	52	J	22	U	30	J	28	U	36	J	
J-000E	8,900	74	J	48	2	8.8	U	28	J	24	U	26	U	27	J	24	U	26	U	27	J	24	U	
J-001	7,900	12	J	71	2	1.9	U	80	J	42	J	68	J	72	J	11	U	9.5	J	42	J	11	U	
Aladin	97	U	100	U	44	U	33	U	46	U	44	U	44	U	44	U	44	U	44	U	44	U	44	
Alpha-BHC	480	3.2	U	3.3	U	3.7	U	16	U	0.31	U	32	U	3.2	U	17	U	16	U	0.31	U	32	U	
Kappa-Chlordane	4,200	9.2	J	89	1	9.1	U	92	U	49	U	0.87	U	91	U	16	U	49	U	45	U	45	U	
Beta-BHC	360	2	U	19	U	20	U	9.8	U	0.19	U	20	U	9.9	U	0.19	U	9.8	U	9.9	U	0.19	U	
Endosulfan ²	100,000	2.4	U	24	U	2.4	U	25	U	12	U	23	U	24	U	2.4	U	25	U	24	U	2.4	U	
Endosulfan	200	4.4	U	43	U	4.4	U	45	U	22	U	42	U	44	U	4.4	U	43	U	42	U	4.4	U	
Endosulfan ³	24,000	2.3	U	22	U	2.3	U	23	U	11	U	11	U	12	U	0.22	U	11	U	11	U	0.22	U	
Endosulfan ⁴	24,000	3.3	U	32	U	3.4	U	33	U	16	U	31	U	33	U	3.2	U	32	U	31	U	3.2	U	
Endosulfan sulfate ⁵	24,000	3.4	U	33	U	3.4	U	34	U	17	U	16	U	32	U	0.32	U	17	U	16	U	0.32	U	
Ergo	11,000	2.5	U	25	U	2.5	U	26	U	12	U	25	U	26	U	0.25	U	12	U	13	U	0.25	U	
Furan	4,200	11	U	12	U	2.4	U	12	U	11	U	11	U	12	U	2.4	U	11	U	11	U	2.4	U	
Germacane	NS	4.7	U	46	U	4.7	U	47	U	46	U	46	U	46	U	4.6	U	45	U	45	U	4.6	U	
Lambda-BHC (Undine)	1,300	2.3	U	22	U	2.3	U	23	U	11	U	0.21	U	23	U	11	U	11	U	11	U	0.21	U	
Lambda-Chlordane	NS	12	J	57	2	5.8	U	59	U	55	U	0.55	U	66	J	16	J	30	J	40	J	27	J	
Kaptochlor	2,100	29	U	28	U	2.9	U	28	U	14	U	14	U	14	U	0.27	U	14	U	14	U	0.27	U	
Kaptochlor epoxide	NS	4.7	U	46	U	46	U	47	U	46	U	46	U	46	U	46	U	45	U	45	U	46	U	
Kaptochlor	NS	2.5	U	25	U	2.5	U	26	U	12	U	12	U	12	U	2.5	U	12	U	12	U	2.5	U	
Leptophos	NS	12	U	13	U	2.5	U	26	U	12	U	12	U	12	U	2.4	U	12	U	12	U	2.4	U	
Leptophos	NS	110	U	100	U	110	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	
Leptophos	NS	520	U	540	U	220	U	210	U	220	U	188	U	210	U	210	U	210	U	210	U	210	U	
Organic Pesticides (ug/kg)																								
J-000	13,000	18	U	25	U	7	J	15	U	19	J	71	U	24	J	14	J	64	U	38	U	39	J	
J-000E	9,900	14	U	20	U	16	U	8.5	J	14	U	15	U	35	J	25	J	14	U	36	U	37	J	
J-001	7,900	37	J	42	2	22	J	37	U	18	J	1	U	3.6	U	3.7	U	18	J	4	U	5	J	
Aladin	97	22	U	23	U	9.5	U	9	U	9.1	U	24	U	8.8	U	8.7	U	8.8	U	8.7	U	8.8	U	
Alpha-BHC	480	16	U	17	U	6.9	U	6.6	U	6.7	U	18	U	6.4	U	6.4	U	6.4	U	6.4	U	6.4	U	
Kappa-Chlordane	4,200	45	U	46	U	18	J	18	U	17	U	18	U	17	U	18	U	17	U	18	U	18	U	
Beta-BHC	360	9.7	U	10	U	4.2	U	3.9	U	4	U	1	U	11	J	3	U	3.9	U	3.8	U	3.9	J	
Endosulfan ²	100,000	10	U	12	U	4.4	U	4.4	U	4.4	U	4.4	U	4.4	U	4.4	U	4.4	U	4.4	U	4.4	U	
Endosulfan	200	29	U	20	U	11	J	8.7	U	8.9	U	8.4	U	33	J	9	U	8.6	U	8.5	U	8.6	J	
Endosulfan ³	24,000	11	U	12																				

Table 15
Soil Analytical Results for Radioactivity

Captain's Cove

Client Sample ID:	Site Specific Soil Cleanup Objectives	CC-C-013		CC-C-033		CC-C-036		CC-C-042		CC-C-043		CC-C-044		CC-C-045		CC-C-050									
		4-6'	160-5606-1	4-6'	160-5606-3	4-6'	160-5606-4	6-8'	160-5692-2	10-12'	160-5692-3	6-8'	160-5692-4	6-8'	160-5692-6	0-2'	160-5703-2								
Sampling Date:		2/12/2014		2/14/2014		2/14/2014		2/20/2014		2/20/2014		2/20/2014		2/20/2014		2/21/2014									
		Result	Total Uncertainty (2σ+/-)																						
Method A-01-R - Isotopic Thorium (Alpha Spectrometry) - (pCi/g)																									
Thorium-228	-	0.563	0.168	0.736	0.196	0.418	0.159	0.258	0.119	0.353	0.138	0.0943	U	0.0802	0.399	0.152	0.269	0.124							
Thorium-230	-	1.00	U	0.151	1.28	0.267	1.00	U	0.172	0.292	0.121	0.315	0.124	0.210	0.102	0.493	0.163	0.408	0.145						
Thorium-232	-	0.374	0.135	0.724	0.193	0.476	0.159	0.206	0.102	0.347	0.130	0.106	0.0710	0.331	0.134	0.297	0.122								
Thorium-230 + Thorium-232	≤ 5 + Background*	1.374		2.004		1.476		0.498		0.662		0.316		0.824		0.705									
Method A-01-R - Isotopic Uranium (Alpha Spectrometry) - (pCi/g)																									
Uranium-233/234	-	0.485	0.168	1.03	0.245	0.541	0.176	0.233	0.104	0.597	0.175	0.357	0.132	0.359	0.129	0.612	0.170								
Uranium-235/236	-	0.0607	U	0.0641	0.134	0.0944	0.00696	U	0.0335	0.00807	U	0.0267	-0.00265	U	0.00531	0.000866	U	0.0301	0.0238	U	0.0375	0.0342	U	0.0457	
Uranium-238	-	0.491	0.165	1.01	0.242	0.416	0.151	0.0653	U	0.0600	0.516	0.160	0.354	0.132	0.480	0.149	0.558	0.161							
Method GA-01-R - Radium-226 & Other Gamma Emitters (GS) - (pCi/g)																									
Actinium-228	-	0.587	0.0727	0.781	0.0853	0.535	0.0628	0.253	0.0300	0.440	0.0507	0.157	0.0230	0.445	0.0497	0.705	0.0780								
Bismuth-212	-	0.589	0.132	0.889	0.162	0.560	0.0956	0.260	0.0486	0.434	0.0830	0.190	0.0719	0.494	0.0842	0.809	0.126								
Bismuth-214	-	0.460	0.0553	0.744	0.0817	0.389	0.0448	0.195	0.0241	0.327	0.0378	0.136	0.0205	0.342	0.0394	0.546	0.0610								
Lead-210	-	0.522	0.161	0.845	0.170	0.436	0.145	0.674	0.130	0.306	0.101	0.165	0.0947	0.392	0.127	0.564	0.135								
Lead-212	-	0.561	0.0746	0.842	0.110	0.524	0.0696	0.244	0.0327	0.470	0.0620	0.143	0.0202	0.489	0.0644	0.774	0.101								
Lead-214	-	0.491	0.0553	0.827	0.0884	0.466	0.053	0.203	0.0234	0.361	0.403	0.141	0.0205	0.384	0.0426	0.608	0.0658								
Potassium-40	-	7.73	0.831	8.45	0.898	7.54	0.809	5.59	0.591	6.72	0.712	4.64	0.504	8.59	0.900	11.5	1.20								
Protactinium-231	-	-0.177	U	0.172	-0.358	U	0.175	0.251	U	0.0681	-0.0738	U	0.0834	-0.202	U	0.119	-0.0768	U	0.0987	0.0966	U	0.0854	-0.356	U	0.152
Protactinium-234m	-	0.854	U	0.753	1.26	U	0.843	0.794	U	0.748	0.815	0.556	1.60	0.858	0.769	U	0.514	1.46	0.485	0.814	U	0.760			
Thallium-208	-	0.190	0.0231	0.269	0.0304	0.184	0.0228	0.0819	0.0107	0.152	0.0181	0.0507	0.00844	0.152	0.0181	0.246	0.0279								
Thorium-234	-	0.591	0.182	0.967	0.186	0.541	0.180	0.191	0.0911	0.547	0.121	0.201	0.0501	0.631	0.142	0.634	0.149								
Uranium-235	-	0.0365	U	0.0355	0.0742	0.0332	0.0255	U	0.0276	0.0312	0.0182	0.0267	U	0.0230	0.0247	0.0154	0.0380	0.0245	0.0331	U	0.0286				
Uranium-238	-	0.591	0.182	0.967	0.186	0.541	0.180	0.191	0.0911	0.547	0.121	0.201	0.0501	0.631	0.142	0.634	0.149								
Radium-226	-	1.15	0.271	2.13	0.411	0.995	0.239	0.546	0.138	1.00	0.204	0.409	0.130	0.897	0.190	1.39	0.282								
Radium-228	-	1.00	U	0.0727	1.00	U	0.0853	1.00	U	0.0628	0.253	0.0300	0.440	0.0507	0.157	0.0230	0.445	0.0497	0.705	0.0780					
Radium-226 + Radium-228	≤ 5 + Background*	2.15		3.13		1.995		0.799		1.44		0.566		1.342		2.095									

Notes:

(1)USEPA Site Specific Soil Cleanup Objectives

* background is approximately 1 pCi/g for each isotope

B - Compound was found in the blank and sample.

J - Data are flagged (J) when a QC analysis fails outside the primary acceptance limits. The qualified "J" data are not excluded from further review or consideration. However, only one flag (J) is applied to a sample result, even though several associated QC analyses may fail. The "J" data may be biased high or low or the direction of the bias may be indeterminable.

JN - The analysis indicated the presence of a compound that has been "tentatively identified" (N) and the associated numerical value represents its approximate (J) concentration.

R - Data rejected ® on the basis of an unacceptable QC analysis should be excluded from further review or consideration. Data are rejected when associated QC analysis results exceed the expanded control limits of the QC criteria. The rejected data are known to contain significant errors based on documented information. The data user must not use the rejected data to make environmental decisions. The presence or absence of the analyte cannot be verified.

U - The analyte was analyzed for, but due to blank contamination was flagged as non-detect (U). The result is usable as nondetect.

UJ - The analyte was not detected above the reported sample quantitation limit. Data are flagged (UJ) when a QC analysis fails outside the primary acceptance limits. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The "UJ" data may be biased low.

Highlighted text denotes concentrations exceeding Site Specific SCO